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NO. 2264 P. 1

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Atty Docket No. 018547-030530US

PTO FAX NO.: 703-872-9306

ATTENTION: Examiner Chakrabarti, A.

Group Art Unit 1655

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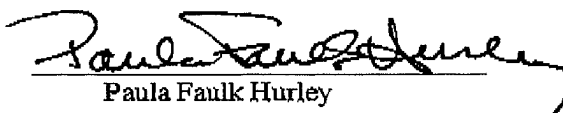
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Document(s) Attached

1. Transmittal Form (1 p.); and
2. Amendment (5 pp.).

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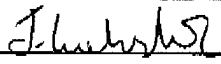
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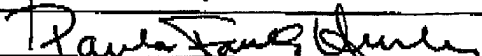
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/381,480
	Filing Date	September 16, 1999
	First Named Inventor	Chee, Mark
	Group Art Unit	1655
	Examiner Name	Chakrabarti, A.
Total Number of Pages in This Submission	Attorney Docket Number	018547-030530US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
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NO. 2264 P. 3

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By: Paul Townsend

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9
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In re application of:

Chee, M.

Application No.: 09/381,480

Filed: September 16, 1999

For: ITERATIVE RESEQUENCING

Examiner: Chakrabarti, A.

Art Unit: 1655

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed August 21, 2001, please reconsider the above-identified application based on the following remarks:

REMARKS

Claims 1-2, 5-6 and 15 stand rejected as obvious over Skiena in view of Futreal. This rejection is respectfully traversed.

The Skiena references discusses a method of sequencing by hybridization that is general to any type of target sequence. Initially, the target sequence is hybridized to a universal sequencing array containing all probes of a given length (col. 6, lines, 41-42). Subsets of positively and negatively hybridizing probes are then determined (col. 6, lines 45-48). A second array is then designed based on combinations of probes from the positively hybridizing subset (col. 6, lines 49-61). The hybridization is then repeated and subsets of positively and negatively hybridizing probes again determined (col. 6, line 61